

Location

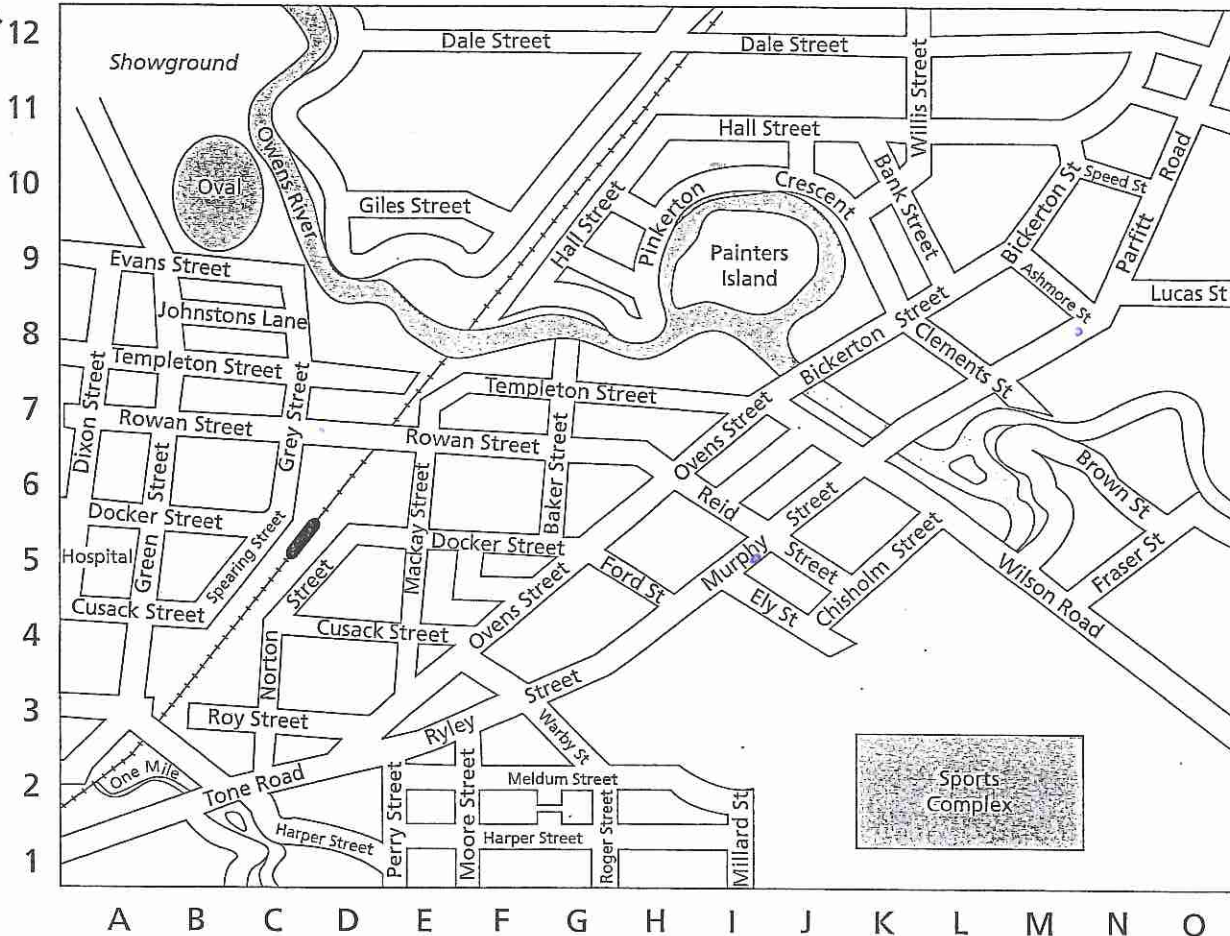
Name Denis Selimovski

Class 5/6A Date 3/11/10

Progression Points

- 3.25 Use a graphical scale to determine actual size and distance from a map. Interpretation of maps in their own immediate environment using various scales; for example, school ground, suburb, state, country. Description of a path by a set of coordinates.
- 3.5 Sketch a simple map that has a scale such as 1 cm = 1 m.
- 3.75 Use of a compass and compass directions to show orientation in the school ground.
- 4.0 Use of compass directions, coordinates, scale and distance and conventional symbols to describe routes.
- 4.0+ Solve problems involving maps.

3.25



- Use the scale to help you find:
 - the length of the sports complex 300 M
 - the width of the sports complex 200 M

Scale 1 cm = 100 m
- Use crosses to mark the following on the map above:
 - Rowan Street D7 ✓
 - Ashmore Street N9 ✓
 - Murphy Street J5 ✓
- Write a set of coordinates for:
 - the oval C-10 ✓
 - Painters Island I-9 ✓
 - the railway station C-5 ✓
- Write a clear and accurate set of directions to get from Wilson Road N4 to the corner of Norton and Cusack Streets C4.

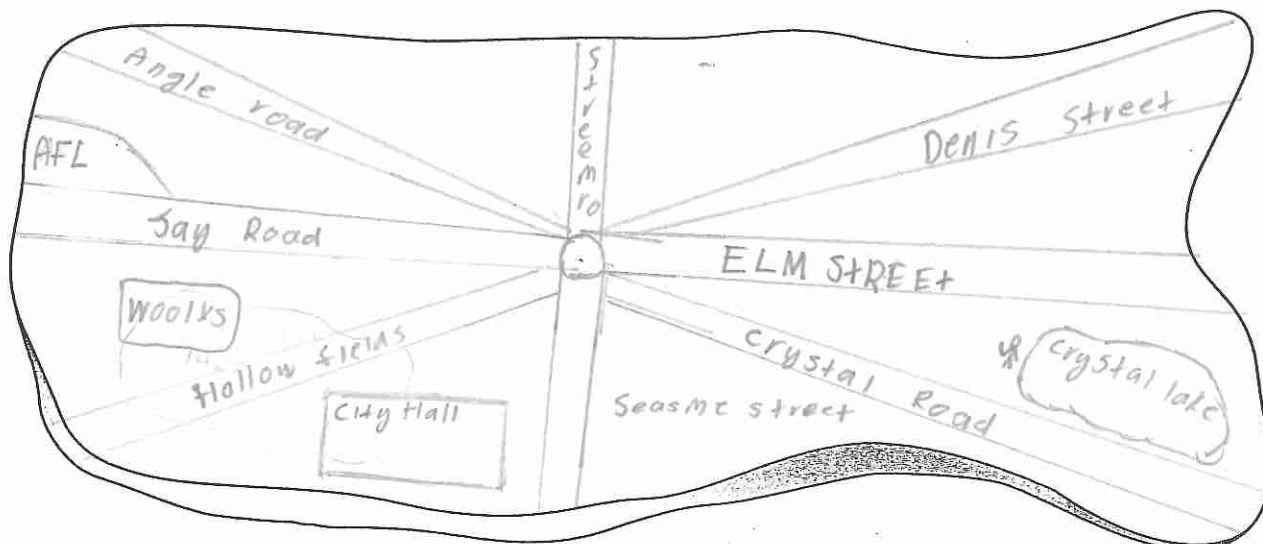
Go down Wilson road 800m then turn into Owen Street
go down 600m when you get to Tone road Turn into the
road that leads to rail ray station Keep going then turn right
you go up 200m up and you're there
 Remember to use left
 Bright.

Name _____

Class _____ Date _____

- Interpretation of maps in their own immediate environment using various scales; for example, school ground, suburb, state, country.
Description of a path by a set of coordinates.
- 3.5 Sketch a simple map that has a scale such as 1 cm = 1 m.
- 3.75 Use of a compass and compass directions to show orientation in the school ground.
- 4.0 Use of compass directions, coordinates, scale and distance and conventional symbols to describe routes.
- 4.0+ Solve problems involving maps.

- 5 Complete this map of the island that has a scale of 1 cm = 100 m. Draw and name at least 6 straight roads between points around the island, add a lake and some places of interest.

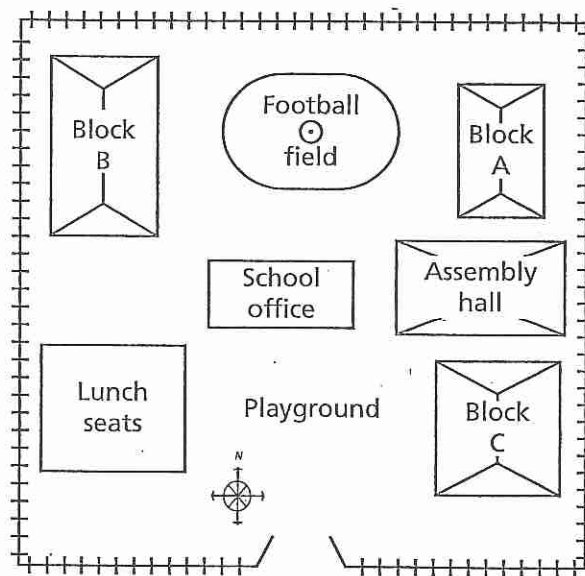


Scale 1 cm = 100 m

- 6 Choose one of your roads and state its length using the scale. _____

- 7 Answer the questions.

- a What is south of the school office? Play Ground ✓
- b What is north of the lunch area? Block B ✓
- c What is west of the football field? Block B ✓
- d What is south-east of the office? Block C ✓
- e What is north-west of the office? Block A ✓
- f Is the office south-west of the assembly hall? No ✓
- g What is north-east of the office? Block A ✓



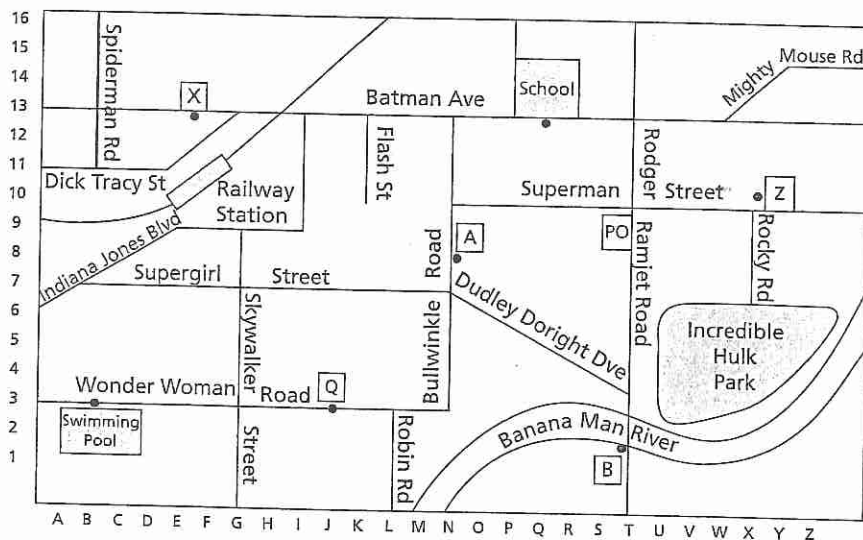
Location

Name Dennis Selimovskii

Class SICA Date _____

Progression Points

- 3.25 Use a graphical scale to determine actual size and distance from a map.
Interpretation of maps in their own immediate environment using various scales; for example, school ground, suburb, state, country.
Description of a path by a set of coordinates.
- 3.5 Sketch a simple map that has a scale such as 1 cm = 1 m.
- 3.75 Use of a compass and compass directions to show orientation in the school ground.
- 4.0 Use of compass directions, coordinates, scale and distance and conventional symbols to describe routes.
- 4.0+ Solve problems involving maps.



HEROVILLE



Scale: 5 mm = 100 m

- 4.0 8 Give the coordinate points of the homes of these Superheroes.
a Q-Man S.H b Z-Man X.10 c B-Boy T2
- 9 Use the dot points on the map and the scale to calculate the shortest routes (in metres) from:
a Q-Man's to the swimming pool _____ m b X-Girls to A-Woman's _____ m
c X-Girl's to the school _____ m d A-Woman's to Q-Man's _____ m
- 10 Use the scale, coordinates and direction to find what T-Man might be doing. T-Man starts at E11 and heads NE to Batman Ave. He travels 560 m east, then turns south and travels to N8 where he meets a friend. Together they walk 100 m south and then head south-east for another 560 m. Then they walk north for 400 m where they carry out their business. Where has he arrived? _____

- 4.0+ 11 Use the map, the scale and the taxi information to solve the problem.

Tess entered the cab with 3 pieces of luggage at Z-Man's house and immediately paid the flag fall. She had to drop something off at the post office so she got the cab driver to wait for $3\frac{1}{2}$ minutes. By the time she reached her second last call at Q-Man's house she had travelled 8.2 km. The cab waited at Q-Man's house another $2\frac{1}{4}$ minutes before proceeding onto her final destination which was the swimming pool.

Calculate the cost of the journey using the cab charges. \$ _____

TAXI CHARGES

Flag fall = \$2.50
Each kilometre travelled = \$1.80
Bags = \$1.50 each
Waiting time per minute = \$1.60